

Justification Statement

Name of Work: Provision of additional CCR: Sh: - SITC of 4 KW and 15 KW CCRs at Mangaluru International Airport.

Sl.No	Description	Qty	Unit	Rate Excluding GST	Amount
1	Supply & installation of indoor type air cooled thyrisor/IGBT controlled electronic type microprocessor based Constant Current Regulator (CCR) of 15 KW with tapping at 7.5 KW & 10 KW suitable to use an input supply voltage of 230/415 volt 50 Hz AC supply and maximum output current of 6.6 Amps with 5 step current variation for brilliency control, suitable for local and remote control operation with 24/48 volt DC control supply complete with meter to monitor output current, overcurrent, earth fault and open circuit protection, earth leakage meter, positive back indication etc. including interfacing with existing ALCMS and Remote control Desk, testing and commissioning of the CCRs including thorough existing ALCMS & RCD, documentation etc. complete as required and as per AAI specifications.	2	Nos	334512.00	669024.00
2	Supply & installation of indoor type air cooled thyrisor/IGBT controlled electronic type microprocessor based Constant Current Regulator (CCR) of 4 KW suitable to use an input supply voltage of 230/415 volt 50 Hz AC supply and maximum output current of 6.6 Amps with 5 step current variation for brilliency control, suitable for local and remote control operation with 24/48 volt DC control supply complete with meter to monitor output current, overcurrent, earth fault and open circuit protection, earth leakage meter, positive back indication etc. including interfacing with existing ALCMS and Remote control Desk, testing and commissioning of the CCRs including thorough existing ALCMS & RCD, documentation etc. complete as required and as per AAI specifications.	2	Nos	198617.00	397234.00
	Total excluding GST				1066258.00
	Grand total				1066258.00

(Rupees Ten Lakhs Sixty Six Thousand Two Hunderd and Fifty Eight Only)

GST will be paid as per actual on submission of original GST invoice

Harish Kumar Sharma
Jr. Executive (Engg-E) 29/11/2020
Mangaluru Int'l Airport.

[Signature]
29/11/2020
(Bumme)

[Signature]
29/11/2020
(MCF)

[Signature]
29/11/2020
Asst.Gen.Manager (Engg-E)
Mangaluru Int'l Airport.

Tender Inviting Authority: Asst. Gen. Manager (Engg E), AAI Mangaluru, Airport.

Name of Work: Provision of additional CCR: Sh: - SITC of 4 KW an 15 KW CCRs at Mangaluru International Airport.

Tender ID 2020_AAI_40139_1

SCHEDULE OF WORK / ITEM(S)								
SI.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	NASU SYSTEMS		Manish Electricals	
					Rate	Amount	Rate	Amount
1.00	Supply & installation of indoor type air cooled thyrisor/IGBT controlled electronic type microprocessor based Constant Current Regulator (CCR) of 15 KW with tapping at 7.5 KW & 10 KW suitable to use an input supply voltage of 230/415 volt 50 Hz AC supply and maximum output current of 6.6 Amps with 5 step current variation for brilliency control, suitable for local and remote control operation with 24/48 volt DC control supply complete with meter to monitor output current, overcurrent, earth fault and open circuit protection, earth leakage meter, positive back indication etc. including interfacing with existing ALCMS and Remote control Desk, testing and commissioning of the CCRs including thorough existing ALCMS & RCD, documentation etc. complete as required and as per AAI specifications.	2.00	Nos	0.00	295000.00	590000.00	325000.00	650000.00
2.00	Supply & installation of indoor type air cooled thyrisor/IGBT controlled electronic type microprocessor based Constant Current Regulator (CCR) of 4 KW suitable to use an input supply voltage of 230/415 volt 50 Hz AC supply and maximum output current of 6.6 Amps with 5 step current variation for brilliency control, suitable for local and remote control operation with 24/48 volt DC control supply complete with meter to monitor output current, overcurrent, earth fault and open circuit protection, earth leakage meter, positive back indication etc. including interfacing with existing ALCMS and Remote control Desk, testing and commissioning of the CCRs including thorough existing ALCMS & RCD, documentation etc. complete as required and as per AAI specifications.	2.00	Nos	0.00	155000.00	310000.00	210000.00	420000.00

L1 Amount	L1 Vendor
590000.00	NASU SYSTEMS
310000.00	NASU SYSTEMS

Total in Figures

900000.00

1070000.00

Lowest Amount Quoted BY: NASU SYSTEMS(900000.00)

BOQ Summary Details**Tender Title: Provision of additional CCR Sh - SITC of 4 KW and 15 KW CCRs at Mangaluru International Airport****Tender ID: 2020_AAI_40139_1**

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	NASU SYSTEMS	900000.00	L1
	2	Manish Electricals	1070000.00	L2

Comparative statement

Name of work : Provision of additional CCR: Sh: - SITC of 4 KW and 15 KW CCRs at Mangaluru International Airport.

Bid No.2020_AAI_40139_1

Date of Financial Bid Opening : 31.01.2020 at 11.00 hrs

Sl.No	Description	Unit	Qty	Justified		NASU Systems		Manish Electricals	
				Rate	Amount	Rate	Amount	Rate	Amount
1	Supply & installation of indoor type air cooled thyrisor/IGBT controlled electronic type microprocessor based Constant Current Regulator (CCR) of 15 KW with tapping at 7.5 KW & 10 KW suitable to use an input supply voltage of 230/415 volt 50 Hz AC supply and maximum output current of 6.6 Amps with 5 step current variation for brilliency control, suitable for local and remote control operation with 24/48 volt DC control supply complete with meter to monitor output current, overcurrent, earth fault and open circuit protection, earth leakage meter, positive back indication etc. including interfacing with existing ALCMS and Remote control Desk, testing and commissioning of the CCRs including thorough existing ALCMS & RCD, documentation etc. complete as required and as per AAI specifications.	Nos	2	334512.00	669024.00	295000.00	590000.00	325000.00	650000.00
2	Supply & installation of indoor type air cooled thyrisor/IGBT controlled electronic type microprocessor based Constant Current Regulator (CCR) of 4 KW suitable to use an input supply voltage of 230/415 volt 50 Hz AC supply and maximum output current of 6.6 Amps with 5 step current variation for brilliency control, suitable for local and remote control operation with 24/48 volt DC control supply complete with meter to monitor output current, overcurrent, earth fault and open circuit protection, earth leakage meter, positive back indication etc. including interfacing with existing ALCMS and Remote control Desk, testing and commissioning of the CCRs including thorough existing ALCMS & RCD, documentation etc. complete as required and as per AAI specifications.	Nos	2	198617.00	397234.00	155000.00	310000.00	210000.00	420000.00
A	Total				1066258.00		900000.00		1070000.00
B	Grand Total				1066258.00		900000.00		1070000.00
							-15.59%		0.35%
							L1		L2

Certified that I have personally conducted check of all quotations duly computed checked and satisfied myself that the checking work been properly done and the rates quoted by the contractor ie. totals are carried over correctly in the comparative

Signature of the Asst.Gen.Manager (E-E)
Certified that I have personally conducted a test check of the computed & checked tenders forwarded by Deptt. Of Engg. And satisfied myself that the checking work has been properly done.

Signature of the AGM (Finance)

MEMO FORWARDING e-TENDERS TO HIGHER AUTHORITIES

1	Name of work	:	<i>Provision of additional CCR: Sh: - SITC of 4 KW and 15 KW CCRs at Mangaluru International Airport.</i>
2	Ref. to Admn. Approval & Expenditure sanction	:	<i>AAI/ML/ENGG(E)/2019-20/11 Date: 13.01.2020 Rs.10,96,587/-</i>
	(i) No. & Date	:	
	(ii) Amount	:	
	(iii) Proportionate amount available for the work included in the present Tenders	:	<i>Budget A-2 AS scheme S.No.15 of Rs 1 Lakh</i>
3	Ref. To Tech Sanction	:	<i>AAI/ ML/ENGG(E)/TS/11 dt: 16.12.2019 Rs. 10,66,258/-</i>
	(i) No. & Date	:	
	(ii) Amount	:	
4	Scope of work for which Tenders have been called for clearly indicating the items omitted from the sanction estimate	:	<i>SITC of CCRs/SITC substation equipments (transformers/HT breaker/DG set) and associated works as per BOQ.</i>
5	Ref. To Approval of NIT	:	
	(i) Authority	:	<i>Asst. Gen. Manager, Engg (E) Mangaluru International Airport.</i>
	(ii) Date	:	<i>AAI/ML/ENGG (E)/AGM (E)/ NIT-05/2019 dt: 14.01.2020</i>
	(iii) Est. Amount put to Tender	:	<i>Rs. 10,66,258/-</i>
6	Ref. To Publicity	:	
	(i) Date on which notice inviting Tender was placed on notice Board	:	<i>14.01.2020</i>
	(ii) Date of which it was circulated to other offices	:	<i>14.01.2020 (Through CPP Portal, AAI website)</i>
	(iii) Name of News papers (with dates) in which the notice inviting Tender was actually advertised	:	<i>CPP Portal, AAI website</i>

7	(i) The date and time at which Tender were due to be received	:	23.01.2020 upto 18:00 hrs.		
	(ii) Postponed date and time if any	:	-		
	(iii) Reasons for postponement	:	-		
	(iv) Reference to publicity in regard to postponement of tenders	:	-		
8	The date from which Tenders were available for sale contractors	:	14.01.2020		
9	Particulars of contractors to whom Tender were sold quoting authority for issue of tenders	:	Nil		
10. Sl. No	Name of contractor	Class in which registered	Department in which enlisted	Date of issue of Tenders	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1	M/s Nasu Systems, Mumbai	Specialized Agency		22.01.2020	
2	M/s Manish Electricals, Gwalior	Specialized Agency		23.01.2020	
10	Opening of Tenders	:			
	(i) Date and time at which Tenders were due to be open(Financial Bid)	:	Price bid –30.01.2020 at 15.30 hrs		
	a) Date and time at which Tenders were actually opened(Financial Bid)	:	Price bid –31.01.2020 at 11:00hrs		
	b) Name and Designation of officers who actually opened the Tenders (price bid)	:	1. Sh. S Ram Mohan, Asst.Gen. Manager (E.E) 2. Sh. Poovappa, Manager (F)		
	c) Name of contractors present at the time of opening of Tenders	:	NIL		
	(ii) Name and designation of any other person present	:	NIL		

Contd..3

POSITION OF TENDERS RECEIVED

Sl.No. (i)	Name of contractor (ii)	Amount Excluding. GST (iii)	% age above or below the justified cost (excl. GST) (iv)
1	M/s Nasu Systems,Mumbai	Rs. 9,00,000/-	15.59 % Below
2	M/s Manish Electricals,Gwalior	Rs. 10,70,000/-	0.35 % Above
12.	(i) Justified percentage as worked by AAI	:	Rs. 10,66,258/- (excluding GST)
13.	Date on which validity of Tenders expires	:	90 DAYS from date of opening. (i.e.- on 29.04.2020)
14.	Remarks & Recommendations of the Executive Engineer	:	
	(i) Available of site	:	Yes
	(ii) Available of stipulated materials	:	N/A
	(iii) Approval of layout plans	:	-
	(iv) Approval to building, plans clearance from local body	:	N/A
	(v) Comments on the capabilities of three lowest Tenders including their financial and technical resources	:	Capable
	(vi) Is this the first call of Tenders? If not details of previous calls and results	:	Yes
15	Justification Based on market rate.		
16	Comments on the Tenders: Tender was floated for the above said work on 14.01.2020. Cover-I (Hard Copy) was opened on 29.01.2020 and Cover-II (Prequalification Bid and Technical Bid) was opened on 29.01.2020. Out of two agencies who participated both were qualified for the Cover-III opening. Cover-III (Financial Bid) was opened on 31.01.2020. The comparative statement was prepared with justification cost as the base (comparative statement including portal generated is enclosed). The offer of M/s Nasu Systems,Mumbai who quoted Rs. 9,00,000/- i.e. 15.59% below the justified cost of Rs. 10,66,258/- is the lowest. (without GST). The amount for this work can be realized from BE 19-20 in which an amount of Rs 1.0 lakhs was earmarked for the work of "Provision of additional CCRs" (Sl.No 15 of AS/A-2 scheme. The remaining amount will be projected in subsequent budgets. Hence financial concurrence for an amount of Rs. 9,00,000/- without GST (Rupees Nine Lakhs Only) plus applicable GST, may be accorded for awarding the work to the lowest bidder i.e to Nasu Systems,Mumbai Vide D.O.P.8.5(a). Submitted for approval and forwarding please. Asst.Gen.Manager (Engg.E) AAI, Mangaluru Intl. Airport		

Signature Not Verified

Digitally signed by RAM MOHAN S
Date: 2020.02.13 15:14:44 IST
Location: eProcurement System for Central PSUs